

**VARIABLE-PITCH ARM STAR CONSTRUCTION FOR ROTARY
MOLDING MACHINES FOR MAKING, BY DRAWING AND BLOWING,
PLASTIC VESSELS AND BOTTLES, AND ROTARY MOLDING
MACHINE COMPRISING THE STAR CONSTRUCTION**

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ABSTRACT

A star construction having variable pitch arms for a rotary molding machine for making plastic vessels and bottles, comprises a plurality of arms including gripper elements and a system including two levers which engages with the grippers, while cooperating with respective cam contours, the lever and cam system being reciprocatedly driven for providing a pitch variation and controlling the positions of the gripper elements.

15 With respect to prior solutions, the variable pitch arm star construction according to the invention allows to quickly and simply perform the operations necessary for modifying the arm pitch.